

Converting Colors

XYZ(93.7770, 95.7913,
135.2688)

Have a look what the booklet for
XYZ(93.7770, 95.7913, 135.2688)
contains.

XYZ(88.5436, 93.8486, 108.0556)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(88.5436, 93.8486,
108.0556)**

Conversions

Conversions Part 1

Format	Color
Hex	F2F9FF
RGB	242, 249, 255
RGB Percent	95%, 98%, 100%
CMY	0.0510, 0.0235, 0.0000
CMYK	0.05, 0.02, 0.00, 0.00
HSL	208°, 100%, 97%
HSV	208°, 5%, 100%
XYZ	88.5436, 93.8486, 108.0556
YIQ	247.5910, -6.0980, 0.3820

Conversions

Conversions Part 2

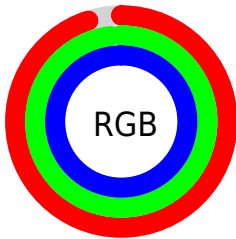
Format	Color
R_{YB}	242, 247, 255
Decimal	15923711
CIE _{Lab}	97.57, -1.20, -3.68
CIE _{LCh}	98, 3.872, 251.880
Yxy	93.8486, 0.3049, 0.3231
Android (android.graphics.Color)	4294113791 (0xFFFF2F9FF)
YUV	247.5910, 3.6526, -4.9033
Hunter-Lab	96.8755, -6.3842, 1.6804

Details

The XYZ color **88.5436, 93.8486, 108.0556** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **90.8335, 94.8033, 97.5172**, and the grayscale version is **88.8661, 93.4941, 101.8151**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **49.5127, 52.6562, 60.9802** is the 20% darker color. If you saturate the color by 10%, you get **76.8729, 82.6065, 106.5008**, and if you desaturate by 10%, it is **95.0500, 100.0000, 108.9000**.

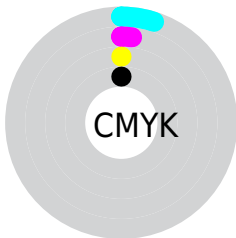
Distribution



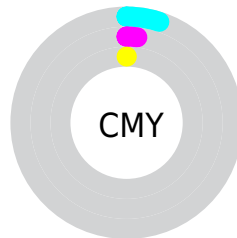
- Red (95%)
- Green (98%)
- Blue (100%)



- Red (95%)
- Yellow (97%)
- Blue (100%)



- Cyan (5%)
- Magenta (2%)
- Yellow (0%)
- Black (0%)



- Cyan (5%)
- Magenta (2%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 88.5436, 93.8486, 108.0556 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 88.5436, 93.8486, 108.0556 by changing the saturation by 10% instead.

88.5436, 93.8486,
108.0556

88.5436, 93.8486,
108.0556

511.5906,
540.4723, 607.1882

67.1056, 71.1770,
82.3907

144.2024,
152.6729, 174.3323

49.4415, 52.4867,
61.1499

179.1539,
189.5945, 215.7810

35.1858, 37.3931,
43.9148

219.3407,
232.0349, 263.3282

23.9732, 25.5120,
30.2668

265.1281,
280.3784, 317.3922

15.4384, 16.4589,
19.7874

316.8814,
335.0095, 378.3917

9.2159, 9.8495,
12.0581

374.9660,

4.9405, 5.2993,

396.3126, 446.7452

6.6602

439.7473,
464.6721, 522.8712

■ 2.2468, 2.4239,
3.1753

■ 0.7672, 0.8382,
1.1848

■ 88.5436, 93.8486,
108.0556

■ 88.5436, 93.8486,
108.0556

■ 76.8729, 82.6065,
106.5008

95.0500, 100.0000,
108.9000

■ 66.5933, 72.4105,
105.0745

■ 57.6492, 63.2283,
103.7736

■ 49.9784, 55.0214,
102.5938

■ 43.5134, 47.7482,
101.5307

■ 38.1797, 41.3634,
100.5794

■ 33.8938, 35.8168,
99.7347

■ 30.5589, 31.0512,
98.9906

■ 28.0567, 26.9977,
98.3401

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



87.6336, 93.8486, 106.2858



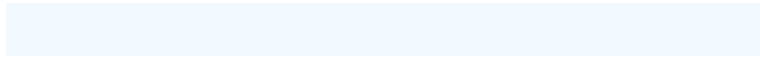
88.5436, 93.8486, 108.0556



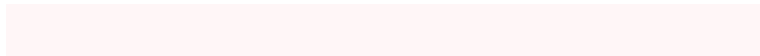
89.6368, 93.8486, 108.2329

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



88.5436, 93.8486, 108.0556



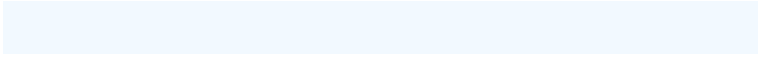
91.2877, 93.8486, 100.9422



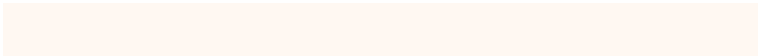
87.7947, 93.8486, 97.7378

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



88.5436, 93.8486, 108.0556



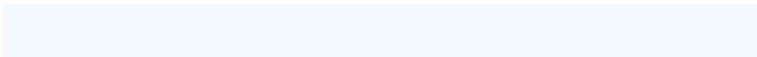
90.8335, 94.8033, 97.5172

Split Complementary

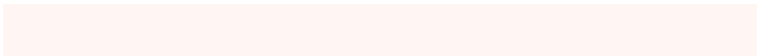
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



88.7652, 93.8486, 96.3670



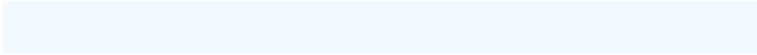
88.5436, 93.8486, 108.0556



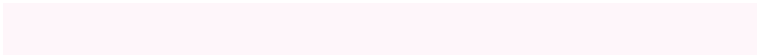
90.7855, 93.8486, 98.1914

Square

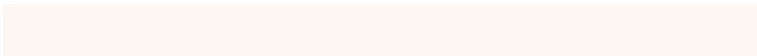
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



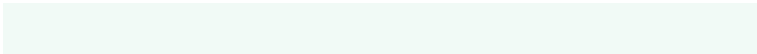
88.5436, 93.8486, 108.0556



91.2272, 93.8486, 104.0821



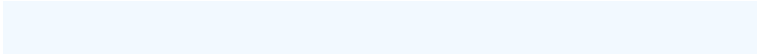
89.8602, 93.8486, 96.5313



87.2036, 93.8486, 100.3114

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



88.5436, 93.8486, 108.0556



90.3229, 93.8486, 107.4197



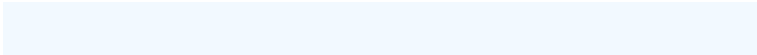
89.8602, 93.8486, 96.5313



88.0870, 93.8486, 97.1235

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



88.5460, 93.8525, 108.0562



92.4528, 97.5541, 108.5648



89.2987, 97.1656, 102.7341



19.8160, 20.9063, 23.2409



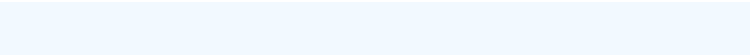
0.0000, 0.0000, 0.0000



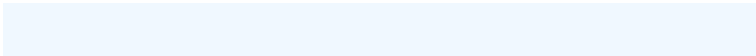
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



88.5460, 93.8525, 108.0562



87.4337, 92.7933, 107.9104



86.6150, 89.9905, 107.4125



18.5437, 19.6987, 23.0748



14.2870, 13.4837, 51.2842



1.5004, 1.5316, 5.0298

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



90.0924, 91.6052, 102.5604



89.2465, 90.1775, 101.4638



92.8203, 98.7769, 98.1795



18.9727, 19.0829, 21.5486



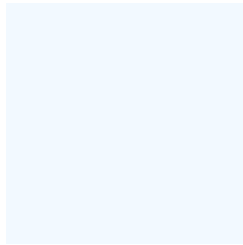
23.9996, 12.0891, 13.9145



2.3920, 1.1992, 1.6454

Previews

White Background



This preview shows how the XYZ color 88.5436, 93.8486, 108.0556 looks on a white background.

Color Contrast Check

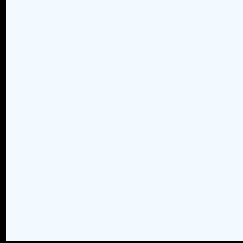
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 88.5436, 93.8486, 108.0556 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

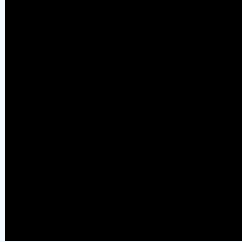
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

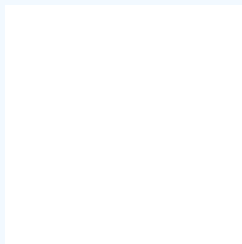
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 88.5436, 93.8486, 108.0556

Background



This preview shows how black text looks on a background with the XYZ color 88.5436, 93.8486, 108.0556.

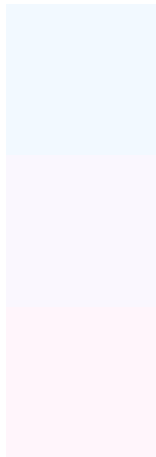


This preview shows how white text looks on a background with the XYZ color 88.5436, 93.8486,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

88.5436, 93.8486, 108.0556

Protanopia

90.5745, 94.0013, 107.1362

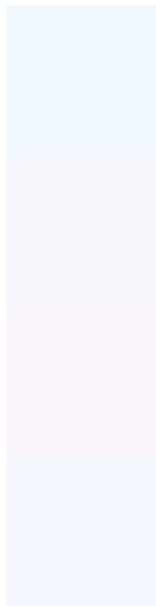
Deuteranopia

91.3050, 93.5299, 104.5076

Tritanopia

89.6234, 93.9476, 108.0178

Trichromacy



Original Color

88.5436, 93.8486, 108.0556

Protanomaly

89.8146, 94.0647, 107.1885

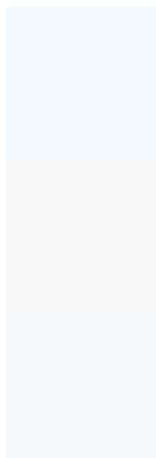
Deuteranomaly

89.9508, 93.2638, 105.3563

Tritanomaly

89.2736, 93.7673, 108.0014

Monochromacy



Original Color

88.5436, 93.8486, 108.0556

Achromatopsia

89.2221, 93.8686, 102.2229

Achromatomaly

88.9860, 93.6927, 104.6612

CSS Examples

Text

The CSS property to change the color of the text to XYZ 88.5436, 93.8486, 108.0556 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(242, 249, 255)` looks like.

```
.text, #text, p{  
    color:rgb(242, 249, 255)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(242, 249, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 249, 255) }
```

Border

The CSS property to change the border of an element to XYZ 88.5436, 93.8486, 108.0556 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(242, 249, 255) }
```


If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(242, 249, 255) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(242, 249, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 249, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 249, 255);  
box-shadow:4px 4px 4px 4px rgb(242, 249,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 88.5436, 93.8486, 108.0556 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 249, 255) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(242,  
249, 255) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor